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From: David B. Patchett

3M Innovative Properties Company
Office of Intellectual Property Counsel
P.O. Box 33427
St. Paul, MN 55133-3427
U.S.A.

David B. Patchett's Fax. No.: (651) 736-3833

David B. Patchett's Telephone No.: (651) 736-4713
Susy Hendrickson's (Assistant) Telephone No. (651) 733-2512

56495US002
Allowed Claims 19 - 35

19. (Previously Amended) A roll of pressure sensitive adhesive tape comprising

- a first nontacky edge face;
- a second edge face opposite said first edge face; and
- a coating disposed on said first edge face, said coating comprising the reaction product of
 - a) acrylate oligomer;
 - b) polyetheracrylate oligomer; and
 - c) optionally monomer, photoinitiator or a combination thereof.

20. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said composition comprises the reaction product of

- a) from about 10% to about 40% acrylate oligomer, and
- b) from about 50% to about 90% polyetheracrylate oligomer.

21. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said acrylate oligomer comprises polyurethane acrylate.

22. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said polyetheracrylate comprises amine functionality.

23. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said composition comprises the reaction product of said acrylate oligomer, said polyether acrylate oligomer and said monomer.

24. (Original) The roll of pressure sensitive adhesive tape of claim 23, wherein said monomer comprises an ethylenically unsaturated monomer.

25. (Original) The roll of pressure sensitive adhesive tape of claim 23, wherein said monomer is selected from the group consisting of ethylene glycol diacrylate, propylene glycol diacrylate, trimethylolpropane triacrylate, 1,6-hexamethylenedioldiacrylate, pentaerythritol diacrylate, pentaerythritol triacrylate, pentaerythritol tetraacrylate, 1,12-dodecanethiodiacrylate and mixtures thereof.

26. (Original) The roll of pressure sensitive adhesive tape of claim 23, wherein said monomer is selected from the group consisting of lauryl acrylate, stearyl acrylate, isooctyl acrylate, acrylic acid, 2-ethylhexyl acrylate, nonyl acrylate, isobornyl acrylate, ethoxyethoxyethyl acrylate, N-vinyl caprolactam and N-vinyl-2-pyrrolidone, and ethoxylated and propoxylated monomers thereof, and mixtures thereof.

27. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said composition further comprises a matting agent.

28. (Original) The roll of pressure sensitive adhesive tape of claim 27, wherein said matting agent comprises silica.

29. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said composition further comprises silicone acrylate.

30. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said composition comprises the reaction product of said acrylate oligomer, said polyether acrylate oligomer and said photoinitiator.

31. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said photoinitiator is selected from the group consisting of α -hydroxy ketones, α -amino ketones, benzildialkyl ketals, acylphosphine oxides, benzophenones and combinations thereof.

32. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein when a layer of said roll of tape is unwound from said roll, said coating remains adhered to said layer.

33. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said coating is crosslinked.

34. (Original) The roll of pressure sensitive adhesive tape of claim 19, wherein said second edge face is nontacky, said tape further comprising a coating disposed on said second edge face, said coating comprising the reaction product of

- a) acrylate oligomer;
- b) polyetheracrylate oligomer; and
- c) optionally monomer, photoinitiator or a combination thereof..

35. (Previously Amended) A roll of pressure sensitive adhesive tape comprising

- a first nontacky edge face;
- a second edge face opposite said first edge face; and
- a discontinuous coating disposed on said first edge face, said coating comprising the reaction product of
 - a) acrylate oligomer;
 - b) polyetheracrylate oligomer; and
 - c) optionally monomer, photoinitiator or a combination thereof.